COMPLETE LISTING OF CLAIMS

1. (Original) A method of producing an electrical component, comprising the steps of:

folding a plurality of segments of electrically conductive material partially around a container to form a plurality of half-turns; and

connecting the plurality of half-turns to the container.

2. (Original) The method of claim 1, further comprising the steps of:

cutting the plurality of segments out of a sheet of electrically conductive material so that the segments are arranged in a dial-shaped pattern with one end of each segment connected to an inner ring and another end of each segment connected to an outer ring; and

detaching each segment from the inner and outer rings.

3. (Currently amended) The method ~~of either~~ of claim 2, wherein the step of folding the plurality of segments includes the steps of:

folding a first portion connected to an intermediate portion of each segment down against a first upper edge of the container; and

folding a second portion connected to the intermediate portion of each segment down against a second upper edge of the container

4. (Original) The method of claim 3, further comprising the steps of:

folding a third portion connected to the first portion of each segment inward against or outward away from a first lower edge of the container; and

folding a fourth portion connected to the second portion of each segment inward against or outward away from a second lower edge of the container.

5. (Original) The method of claim 4, further comprising the step of inserting a ferro-magnetic core into the container.

6. (Original) The method of claim 5, further comprising the step of wrapping an electrically conductive wire around the ferro-magnetic core.

7. (Original) The method of claim 5 wherein the step of connecting the plurality of half-turns to the container comprises the step of connecting the plurality of half-turns in two electrically insulated layers.

8. (Original) The method of claim 7, wherein the step of connecting the plurality of half-turns in two electrically insulated layers comprises the steps of:

integrating a portion of the plurality of half-turns into the container; and

attaching the remaining half-turns to an outer surface of the container.

9. (Original) The method of claim 8, further comprising the step of connecting the combination of the container and the plurality of half-turns to a mounting structure by connecting the plurality of half-turns to a plurality of electrically conductive tracks on the mounting structure, the half-turns and the conductive tracks forming a plurality of electrically conductive turns.

10. (Original) The method of claim 9, further comprising the step of connected the turns in series, parallel, or a combination of series and parallel.

11. (Original) A method of producing an electrical component, comprising the steps of:

folding a plurality of segments of electrically conductive material into a plurality of u-shaped half-turns; and

connecting the plurality of half-turns to a container.

12. (Original) The method of claim 11, further comprising the step of punching the plurality of segments from a sheet of electrically conductive material.

13. (Original) The method of claim 11, further comprising the steps of:

forming the plurality of segments out of a strip of electrically conductive material; and

detaching each segment individually from the strip of material.

14. (Original) The method of claim 13, further comprising the step of inserting a ferro-magnetic core into the container.

15. (Original) The method of claim 14, further comprising the step of wrapping an electrically conductive wire around the ferro-magnetic core.

16. (Original) The method of claim 15, wherein the step of connecting the plurality of half-turns to the container comprises the step of connecting the plurality of half-turns in two electrically insulated layers.

17. (Original) The method of claim 16, wherein the step of connecting the plurality of half-turns in two electrically insulated layers comprises the steps of:

integrating a portion of the plurality of half-turns into the container; and

attaching the remaining half-turns to an outer surface of the container.

18. (Original) The method of claim 17, further comprising the step of connecting the combination of the container and the plurality of half-turns to a mounting structure by connecting the plurality of half-turns to a plurality of electrically conductive tracks on the mounting structure, the half-turns and the conductive tracks forming a plurality of electrically conductive turns.

19. (Original) The method of claim 18, further comprising the step of connected the turns in series, parallel, or a combination of series and parallel.

Claims 20-66. Withdrawn from consideration by Examiner in response to a restriction requirement.